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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ronald Patrick Huemoeller et al.

Assignee: Amkor Technology, Inc.

Title: INTEGRATED CIRCUIT SUBSTRATE HAVING EMBEDDED LANDS WITH ETCHING AND PLATING CONTROL SHAPES

Serial No.: 10/701,782 Filed: November 5, 2003

Examiner: Yuriy Semenenko Group Art 2841
Unit:

Docket No.: G0092-7P

Monterey, CA
June 7, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER §1.97(c) WITH FEE

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each non-US Patent document is enclosed) to the attention of the Examiner.

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME
1)	3,868,724	02/25/75	Perrino
2)	3,916,434	10/28/75	Garboushian
3)	4,532,419	07/30/85	Takeda
4)	4,706,167	11/10/87	Sullivan
5)	4,716,049	12/29/87	Patraw
6)	4,786,952	11/22/88	MacIver et al.
7)	4,897,338	01/30/90	Spicciati et al.
8)	4,905,124	02/27/90	Banjo et al.
9)	4,964,212	10/23/90	Deroux-Dauphin et al.

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10)	4,974,120	11/27/90	Kodai et al.
11)	4,996,391	02/26/91	Schmidt
12)	5,081,520	01/14/92	Yoshii et al.
13)	5,108,553	04/28/92	Foster et al.
14)	5,110,664	05/05/92	Nakanishi et al.
15)	5,247,429	09/21/93	Iwase et al.
16)	5,283,459	02/01/94	Hirano et al.
17)	5,371,654	12/06/94	Beaman et al.
18)	5,379,191	01/03/95	Carey et al.
19)	5,463,253	10/31/95	Waki et al.
20)	5,474,957	12/12/95	Urushima
21)	5,474,958	12/12/95	Djennas et al.
22)	5,530,288	06/25/96	Stone
23)	5,531,020	07/02/96	Durand et al.
24)	5,574,309	11/12/96	Papapietro et al.
25)	5,581,498	12/03/96	Ludwig et al.
26)	5,582,858	12/10/96	Adamopoulos et al.
27)	5,616,422	04/01/97	Ballard et al.
28)	5,637,832	06/10/97	Danner
29)	5,674,785	10/07/97	Akram et al.
30)	5,719,749	02/17/98	Stopperan
31)	5,739,581	04/14/98	Chillara
32)	5,739,585	04/14/98	Akram et al.
33)	5,739,588	04/14/98	Ishida et al.
34)	5,742,479	04/21/98	Asakura
35)	5,784,259	07/21/98	Asakura
36)	5,798,014	08/25/98	Weber
37)	5,822,190	10/13/98	Iwasaki
38)	5,826,330	10/27/98	Isoda et al.
39)	5,835,355	11/10/98	Dordi
40)	5,894,108	04/13/99	Mostafazadeh et al.
41)	5,903,052	05/11/99	Chen et al.
42)	5,936,843	08/10/99	Ohshima et al.

43)	5,952,611	09/14/99	Eng et al.
44)	6,004,619	12/21/99	Dippon et al.
45)	6,013,948	01/11/00	Akram et al.
46)	6,021,564	02/08/00	Hanson
47)	6,028,364	02/22/00	Ogino et al.
48)	6,034,427	03/07/00	Lan et al.
49)	6,040,622	03/21/00	Wallace
50)	6,060,778	05/09/00	Jeong et al.
51)	6,069,407	05/30/00	Hamzehdoost
52)	6,072,243	06/06/00	Nakanishi
53)	6,119,338	09/19/00	Wang et al.
54)	6,122,171	09/19/00	Akram et al.
55)	6,127,833	10/03/00	Wu et al.
56)	6,160,705	12/12/00	Stearns et al.
57)	6,172,419	01/09/01	Kinsman
58)	6,184,463	02/06/01	Panchou et al.
59)	6,214,641	04/10/01	Akram
60)	6,235,554	05/22/01	Akram et al.
61)	6,274,821	08/14/01	Echigo et al.
62)	6,280,641	08/28/01	Gaku et al.
63)	6,316,285	11/13/01	Jiang et al.
64)	6,353,999	03/12/02	Cheng
65)	6,392,160	05/21/02	Andry et al.
66)	6,395,578	05/28/02	Shin et al.
67)	6,405,431	06/18/02	Shin et al.
68)	6,406,942	06/18/02	Honda
69)	6,407,341	06/18/02	Anstrom et al.
70)	6,407,930	06/18/02	Hsu
71)	6,451,509	09/17/02	Keesler et al.
72)	6,479,762	11/12/02	Kusaka
73)	6,497,943	12/24/02	Jimarez et al.
74)	6,517,995	02/11/03	Jacobson et al.
75)	6,544,638	04/08/03	Fischer et al.

76)	6,586,682	07/01/03	Strandberg
77)	6,715,204	04/06/04	Tsukada et al.
78)	6,727,645	04/27/04	Tsujimura et al.
79)	6,730,857	05/04/04	Konrad et al.
80)	6,753,612	06/22/04	Adae-Amoakoh et al.
81)	6,787,443	09/07/04	Boggs et al.
82)	6,803,528	10/12/04	Koyanagi
83)	6,815,739	11/09/04	Huff et al.
84)	2002/0017712	02/14/02	Bessho et al.
85)	2003/0128096	07/10/03	Mazzochette
86)	D445,096	07/17/01	Wallace
87)	D446,525	08/14/01	Okamoto et al.

FOREIGN DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY
1)	JP 05-109975	04/30/93	Japan
2)	JP 05-136323	06/01/93	Japan
3)	JP 07-017175	01/20/95	Japan
4)	JP 08-190615	07/23/96	Japan
5)	JP 10-334205	12/18/98	Japan

A PTO form 1449 listing these documents is enclosed. The relevance of the non-English language documents is set forth in the enclosed English translations.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

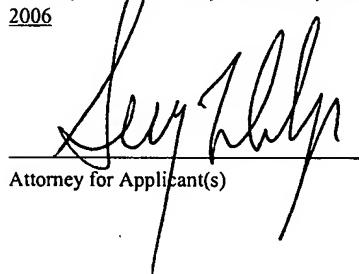
Enclosed herewith is a check in the amount of \$180.00 payable to the Director of the United States Patent and

Trademark Office, which is the amount for submission of an Information Disclosure Statement given in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

CERTIFICATE OF MAILING

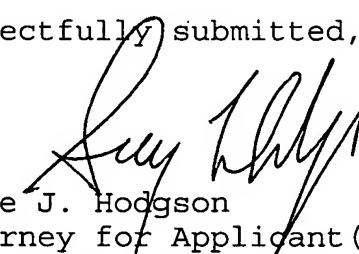
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 7, 2006



Attorney for Applicant(s)

June 7, 2006
Date of Signature

Respectfully submitted,



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Attorney for Applicant(s)
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Form PTO-1449  Use several sheets if necessary					Atty Docket No.		Serial No.	
					G0092-7P		10/701,782	
					Applicant(s)		Ronald Patrick Huemoeller et al.	
					Filing Date		Group	
					November 5, 2003		2841	
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3,868,724	02/25/75	Perrino	357	65		
	AB	3,916,434	10/28/75	Garboushian	357	74		
	AC	4,532,419	07/30/85	Takeda	235	492		
	AD	4,706,167	11/10/87	Sullivan	361	406		
	AE	4,716,049	12/29/87	Patraw	427	96		
	AF	4,786,952	11/22/88	MacIver et al.	357	23.4		
	AG	4,897,338	01/30/90	Spicciati et al.	430	314		
	AH	4,905,124	02/27/90	Banjo et al.	361	395		
	AI	4,964,212	10/23/90	Deroux-Dauphin et al.	29	852		
	AJ	4,974,120	11/27/90	Kodai et al.	361	392		
	AK	4,996,391	02/26/91	Schmidt	174	255		
	AL	5,081,520	01/14/92	Yoshii et al.	357	80		
	AM	5,108,553	04/28/92	Foster et al.	205	125		
	AN	5,110,664	05/05/92	Nakanishi et al.	428	195		
	AO	5,247,429	09/21/93	Iwase et al.	362	29		
	AP	5,283,459	02/01/94	Hirano et al.	257	419		
FOREIGN PATENT DOCUMENTS								
								Translation
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AQ	JP 05-109975	04/30/93	Japan			X	
	AR	JP 05-136323	06/01/93	Japan			X	
	AS	JP 07-017175	01/20/95	Japan			X	
	AT	JP 08-190615	07/23/96	Japan			X	
	AU	JP 10-334205	12/18/98	Japan			X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AV							
Examiner			Date Considered					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).								

Form PTO-1449		Atty Docket No. G0092-7P	Serial No. 10/701,782
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant(s) Ronald Patrick Huemoeller et al.	
(Use several sheets if necessary)		Filing Date November 5, 2003	Group 2841

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,371,654	12/06/94	Beaman et al.	361	744	
	AB	5,379,191	01/03/95	Carey et al.	361	777	
	AC	5,463,253	10/31/95	Waki et al.	257	724	
	AD	5,474,957	12/12/95	Urushima	437	209	
	AE	5,474,957	12/12/95	Djennas et al.	437	211	
	AF	5,530,288	06/25/96	Stone	257	700	
	AG	5,531,020	07/02/96	Durand et al.	29	840	
	AH	5,574,309	11/12/96	Papapietro et al.	257	679	
	AI	5,581,498	12/03/96	Ludwig et al.	365	63	
	AJ	5,582,858	12/10/96	Adamopoulos et al.	427	96	
	AK	5,616,422	04/01/97	Ballard et al.	428	621	
	AL	5,637,832	06/10/97	Danner	174	260	
	AM	5,674,785	10/07/97	Akram et al.	437	217	
	AN	5,719,749	02/17/98	Stopperan	361	769	
	AO	5,739,581	04/14/98	Chillara	257	668	
	AP	5,739,585	04/14/98	Akram et al.	257	698	
	AQ	5,739,588	04/14/98	Ishida et al.	257	782	
	AR	5,742,479	04/21/98	Asakura	361	737	
	AS	5,784,259	07/21/98	Asakura	361	752	
	AT	5,798,014	08/25/98	Weber	156	263	

FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AU							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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AA	5,822,190	10/13/98	Iwasaki	361	737	
AB	5,826,330	10/27/98	Isoda et al.	29	852	
AC	5,835,355	11/10/98	Dordi	361	760	
AD	5,894,108	04/13/99	Mostafazadeh et al.	174	52.4	
AE	5,903,052	05/11/99	Chen et al.	257	760	
AF	5,936,843	08/10/99	Ohshima et al.	361	760	
AG	5,952,611	09/14/99	Eng et al.	174	52.4	
AH	6,004,619	12/21/99	Dippon et al.	427	97	
AI	6,013,948	01/11/00	Akram et al.	257	698	
AJ	6,021,564	02/08/00	Hanson	29	852	
AK	6,028,364	02/22/00	Ogino et al.	257	778	
AL	6,034,427	03/07/00	Lan et al.	257	698	
AM	6,040,622	03/21/00	Wallace	257	679	
AN	6,060,778	05/09/00	Jeong et al.	257	710	
AO	6,069,407	05/30/00	Hamzehdoost	257	774	
AP	6,072,243	06/06/00	Nakanishi	257	783	
AQ	6,119,338	09/19/00	Wang et al.	29	852	
AR	6,122,171	09/19/00	Akram et al.	361	704	
AS	6,127,833	10/03/00	Wu et al.	324	755	
AT	6,160,705	12/12/00	Stearns et al.	361	760	

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	AC	6,214,641	04/10/01	Akram	438	107	
	AD	6,235,554	05/22/01	Akram et al.	438	109	
	AE	6,274,821	08/14/01	Echigo et al.	174	255	
	AF	6,280,641	08/28/01	Gaku et al.	216	17	
	AG	6,316,285	11/13/01	Jiang et al.	438	106	
	AH	6,353,999	03/12/02	Cheng	29	852	
	AI	6,392,160	05/21/02	Andry et al.	174	261	
	AJ	6,395,578	05/28/02	Shin et al.	438	106	
	AK	6,405,431	06/18/02	Shin et al.	29	852	
	AL	6,406,942	06/18/02	Honda	438	119	
	AM	6,407,341	06/18/02	Anstrom et al.	174	255	
	AN	6,407,930	06/18/02	Hsu	361	784	
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	AR	6,517,995	02/11/03	Jacobson et al.	430	320	
	AS	6,544,638	04/08/03	Fischer et al.	428	322.7	
	AI	6,586,682	07/01/03	Strandberg	174	255	

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	AB	6,727,645	04/27/04	Tsujimura et al.	313	504	
	AC	6,730,857	05/04/04	Konrad et al.	174	257	
	AD	6,753,612	06/22/04	Adae-Amoakoh et al.	257	774	
	AE	6,787,443	09/07/04	Boggs et al.	438	612	
	AF	6,803,528	10/12/04	Koyanagi	174	262	
	AG	6,815,739	11/09/04	Huff et al.	257	275	
	AH	2002/0017712	02/14/02	Bessho et al.	257	700	
	AI	2003/0128096	07/10/03	Mazzochette	338	22	
	AJ	D445,096	07/17/01	Wallace	D14	117	
	AK	D446,525	08/14/01	Okamoto et al.	D14	436	
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

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